NEWSPRINT DIVISION

MONTHLY STATISTICAL REPORT
(In Metric Tonnes)

AMERICAN PAPER INSTITUTE
260 Madison Avenue, New York, N.Y. 10016

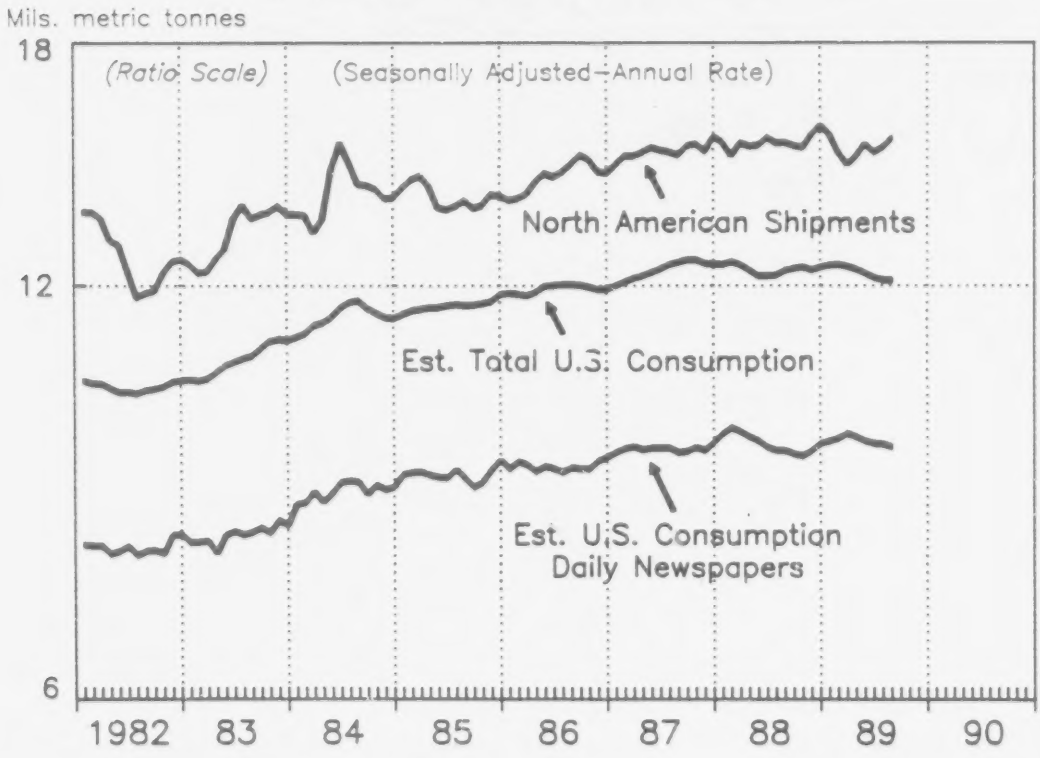
REPORT FOR AUGUST, 1989

*The U.S. international trade in newsprint showed a significant change during the first eight months of 1989 versus the same period 1988.

	8 MONTHS		
	1988	1989	% Change
Shipments to the U.S.			
From Canada	4,696	4,483	- 4.5%
From Overseas*	156	97	- 37.5%
Export Shipments from the U.S.	227	349	+ 53.4%

* 7 Months

TOTAL U.S. NEWSPRINT CONSUMPTION AND NEWSPRINT SHIPMENTS FROM NORTH AMERICA



ISSUED: 09/27/89

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UNITED STATES COMPANIES PARTICIPATING IN REPORT

Augusta Newsprint Company
Bear Island Paper Company
Boise Cascade Corporation
Bowater Inc.
Champion International Corp.
FSC Paper Company, L.P.
Garden State Paper Company
Golden State Newsprint Co. Inc.
Great Northern Paper Company
Inland Empire Paper Company
James River Corporation
Manistique Papers, Inc.
Newsprint South, Inc.
North Pacific Paper Company
Smurfit Newsprint Corporation
Southeast Paper Mfg. Company
Stone Container Corporation

Data for non-reporting company have been estimated.

In addition to the above contributing companies, the inputs for this report are dependent upon data received from the Canadian Pulp & Paper Association, the American Newspaper Publishers Association, and the U.S. Bureau of Census.

NEWSPER001:015CHT.WP

NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes)

(Not Seasonally Adjusted)

	NORTH AMERICA											
	PRODUCTION				SHIPMENTS				STOCKS-END OF MONTH			
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989	% Change
January	1,230.9	1,274.1	1,310.5	+ 2.9	1,176.6	1,152.7	1,199.5	+ 4.1	388.6	346.6	449.6	+29.7
February	1,165.2	1,249.0	1,180.9	- 5.5	1,158.0	1,217.0	1,142.5	- 6.1	395.9	378.6	488.2	+28.9
March	1,278.8	1,336.9	1,274.8	- 4.6	1,288.3	1,339.3	1,275.1	- 4.8	386.4	376.1	487.9	+29.7
April	1,227.0	1,277.2	1,262.8	- 1.1	1,245.5	1,234.7	1,227.0	- 0.6	367.9	418.6	523.7	+25.1
May	1,269.7	1,326.0	1,295.6	- 2.3	1,267.6	1,318.5	1,313.2	- 0.4	370.0	426.1	506.0	+18.8
June	1,250.6	1,243.4	1,251.4	+ 0.6	1,307.9	1,299.5	1,272.6	- 2.1	312.8	370.0	484.8	+31.0
July	1,246.4	1,262.7	1,287.6	+ 2.0	1,230.7	1,224.9	1,247.0	+ 1.8	328.5	407.7	525.4	+28.9
August	1,277.7	1,307.3	1,299.3	- 0.6	1,234.5	1,306.2	1,280.3	- 2.0	371.7	408.8	544.4	+33.2
September	1,244.9	1,235.9			1,303.4	1,276.8			313.3	367.9		
October	1,287.5	1,325.4			1,266.6	1,263.2			334.1	430.2		
November	1,249.5	1,284.9			1,239.9	1,300.5			343.7	414.6		
December	1,232.4	1,272.8			1,348.5	1,348.8			225.2	338.6		
8 Months	9,954.3	10,276.6	10,162.9	- 1.1	9,909.1	10,092.8	9,957.2	- 1.3				
TOTAL YEAR	14,968.6	15,395.6			15,067.5	15,282.1						

	DISTRIBUTION OF NORTH AMERICAN SHIPMENTS											
	TO UNITED STATES				TO CANADA				TO OTHER MARKETS			
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989	% Change
January	950.7	961.1	961.2	+ 0.01	85.3	92.1	101.3	+10.0	140.6	99.5	137.0	+37.7
February	921.0	986.6	896.0	- 9.2	92.1	97.8	89.5	- 8.5	144.9	132.6	157.0	+18.4
March	1,019.7	1,074.4	1,007.6	- 6.2	111.9	108.1	90.2	-16.6	156.7	156.8	177.3	+13.1
April	991.6	995.5	947.8	- 4.8	95.3	100.3	96.3	- 4.0	158.6	138.9	182.9	+31.7
May	1,013.4	1,026.4	990.2	- 3.5	95.1	107.1	106.8	- 0.3	159.1	185.0	216.2	+16.9
June	1,046.8	1,011.5	980.7	- 3.0	93.1	103.0	96.4	- 6.4	168.0	185.0	195.5	+ 5.7
July	1,003.4	964.1	959.6	- 0.5	87.6	99.2	87.0	-12.3	139.7	161.6	200.4	+24.0
August	996.3	1,026.6	999.3	- 2.7	94.9	98.2	89.9	- 8.5	143.3	181.4	191.1	+ 5.3
September	1,065.9	1,021.0			102.6	102.4			134.9	153.4		
October	1,028.7	1,004.8			105.5	104.8			132.4	153.6		
November	1,009.4	1,001.9			108.9	112.8			121.6	185.8		
December	1,066.0	1,046.3			111.0	101.2			171.5	201.3		
8 Months	7,942.9	8,046.2	7,742.4	- 3.8	755.3	805.8	757.4	- 6.0	1,210.9	1,240.8	1,457.4	+17.5
TOTAL YEAR	12,112.9	12,120.2			1,183.3	1,227.0			1,771.3	1,934.9		

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association

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NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes)

(Not Seasonally Adjusted)

UNITED STATES

	PRODUCTION				SHIPMENTS				STOCKS-END OF MONTH			
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989	% Change
January	444.8	452.3	460.2	+ 1.7	427.1	437.2	436.9	- 0.1	66.8	51.2	71.4	+39.5
February	400.1	434.4	403.6	- 7.1	402.3	434.9	411.5	- 5.4	64.6	50.7	63.6	+25.4
March	430.7	462.6	468.5	+ 1.3	441.8	458.2	461.6	+ 0.7	53.5	55.0	70.4	+28.0
April	419.5	451.0	448.8	- 0.5	427.8	446.1	441.8	- 1.0	45.2	59.9	77.5	+29.4
May	453.8	466.0	457.5	- 1.8	452.4	462.8	462.4	- 0.1	46.6	63.2	72.5	+14.7
June	444.3	444.8	451.7	+ 1.2	451.1	448.6	451.8	+ 0.7	39.9	59.4	72.5	+22.1
July	455.0	435.9	473.9	+ 8.7	451.9	430.7	472.3	+ 9.7	42.9	64.5	74.1	+14.9
August	452.0	461.4	462.3	+ 0.2	449.4	458.8	469.1	+ 2.2	45.6	67.1	67.3	+ 0.3
September	448.2	446.3			451.3	446.8			42.5	66.6		
October	460.9	460.5			455.6	460.5			47.8	66.6		
November	437.4	447.6			439.1	455.6			46.1	58.6		
December	453.0	464.0			460.6	474.5			36.1	48.1		
8 Months	3,500.2	3,608.4	3,626.5	+ 0.5	3,503.8	3,577.3	3,607.4	+ 0.8				
TOTAL YEAR	5,299.7	5,426.8			5,310.4	5,414.7						

DISTRIBUTION OF UNITED STATES SHIPMENTS

	TO UNITED STATES				TO OTHER MARKETS				SHIPMENTS TO THE UNITED STATES FROM OVERSEAS			
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989	% Change
January	397.6	412.7	396.6	- 3.9	29.5	24.5	40.3	+64.5	14.6	16.5	14.7	-10.9
February	380.3	411.9	373.3	- 9.4	22.0	23.0	38.2	+66.1	21.1	20.0	6.9	-65.5
March	416.2	435.6	424.7	- 2.5	25.6	22.6	36.9	+63.3	25.0	23.1	24.7R	+ 6.9
April	396.6	419.8	401.6	- 4.3	31.2	26.3	40.2	+52.9	32.8	35.0	6.5	-81.4
May	427.1	435.0	419.3	- 3.6	25.3	27.8	43.1	+55.0	21.9	19.5	17.5	-10.3
June	426.7	421.1	407.2	- 3.3	24.4	27.5	44.6	+62.2	32.1	22.9	22.2	- 3.1
July	427.6	390.4	410.6	+ 5.2	24.3	40.3	61.7	+53.1	31.0	18.6	4.8	-74.2
August	428.8	423.6	425.6	+ 0.5	20.6	35.2	43.5	+23.6	29.1	25.2		
September	434.6	411.3			16.7	35.5			37.0	37.3		
October	436.0	419.0			19.6	41.5			32.7	21.5		
November	412.2	416.8			26.9	38.8			41.6	20.8		
December	442.6	436.1			18.0	38.4			37.1	14.7	7 Mos. Y-T-D	
8 Months	3,300.9	3,350.1	3,258.9	- 2.7	202.9	227.2	348.5	+53.4	178.5	155.6	97.3	-37.5
TOTAL YEAR	5,026.3	5,033.3			284.1	381.4			356.0	275.1		

SOURCE: Newsprint Division, American Paper Institute and Bureau of Census.

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NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes) (Not Seasonally Adjusted)

CANADA

	PRODUCTION				SHIPMENTS				STOCKS-END OF MONTH			
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989	% Change
January	794.1	821.8	850.3	+ 3.5	749.5	715.5	762.6	+ 6.6	321.8	295.4	378.2	+28.0
February	765.1	814.6	777.3	- 4.6	755.7	782.1	731.0	- 6.5	331.3	327.9	424.6	+29.5
March	848.1	874.3	806.3	- 7.8	846.5	881.1	813.5	- 7.7	332.9	321.1	417.5	+30.0
April	807.5	826.2	814.0	- 1.5	817.7	788.6	785.2	- 0.4	322.7	358.7	446.2	+24.4
May	815.9	860.0	838.1	- 2.5	815.2	855.7	850.8	- 0.6	[illegible]4	362.9	433.5	+19.5
June	806.3	798.6	799.7	+ 0.1	856.8	850.9	820.8	- 3.5	[illegible]9	310.6	412.3	+32.7
July	791.4	826.8	813.7	- 1.6	778.8	794.2	774.7	- 2.5	285.6	343.2	451.3	+31.5
August	825.7	845.9	837.0	- 1.1	785.1	847.4	811.2	- 4.3	326.1	341.7	477.1	+39.6
September	796.7	789.6			852.1	830.0			270.8	301.3		
October	826.6	864.[illegible]			811.0	802.7			286.3	363.6		
November	812.1	837.3			800.8	844.9			297.6	356.0		
December	779.4	808.8			887.9	874.3			189.1	290.5		
8 Months	6,454.1	6,668.2	6,536.4	- 2.0	6,405.3	6,515.5	6,349.8	- 2.5				
TOTAL YEAR	9,668.9	9,968.8			9,757.1	9,867.4						

DISTRIBUTION OF CANADIAN SHIPMENTS

	TO UNITED STATES				TO CANADA				TO OTHER MARKETS			
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989	% Change
January	553.1	548.4	564.6	+ 3.0	85.3	92.1	101.3	+10.0	111.1	75.0	96.7	+28.9
February	540.7	574.7	522.7	- 9.0	92.1	97.8	89.5	- 8.5	122.9	109.6	118.8	+ 8.4
March	603.5	638.8	582.9	- 8.8	111.9	108.1	90.2	-16.6	131.1	134.2	140.4	+ 4.6
April	595.0	575.7	546.2	- 5.1	95.3	100.3	96.3	- 4.0	127.4	112.6	142.7	+26.7
May	586.3	591.4	570.9	- 3.5	95.1	107.1	106.8	- 0.3	133.8	157.2	173.1	+10.1
June	620.1	590.4	573.5	- 2.9	93.1	103.0	96.4	- 6.4	143.6	157.5	150.9	- 4.2
July	575.8	573.7	549.0	- 4.3	87.6	99.2	87.0	-12.3	115.4	121.3	138.7	+14.3
August	567.5	603.0	573.7	- 4.9	94.9	98.2	89.9	- 8.5	122.7	146.2	147.6	+ 1.0
September	631.3	609.7			102.6	102.4			118.2	117.9		
October	592.7	585.8			105.5	104.8			112.8	112.1		
November	597.2	585.1			108.9	112.8			94.7	147.0		
December	623.4	610.2			111.0	101.2			153.5	162.9		
8 Months	4,642.0	4,696.1	4,483.5	- 4.5	755.3	805.8	757.4	- 6.0	1,008.0	1,013.6	1,108.9	+ 9.4
TOTAL YEAR	7,086.6	7,086.9			1,183.3	1,227.0			1,487.2	1,553.5		

SOURCE: Newsprint Section, Canadian Pulp and Paper Association.

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NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes)

(Not Seasonally Adjusted)

	TOTAL UNITED STATES ESTIMATED CONSUMPTION										
	DAILY NEWSPAPERS (1)				ALL USERS				DAILY NEWSPAPERS TO TOTAL ALL USERS		
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989
January	686.2	721.3	717.8	- 0.4	908.0	958.0	963.0	+ 0.5	75.6	75.3	74.5
February	635.3	730.4	698.6	- 4.4	906.0	964.0	934.0	- 3.1	75.6	75.8	74.8
March	781.4	800.7	796.0	- 0.6	1,037.0	1,059.0	1,052.0	- 0.7	75.4	75.6	75.7
April	769.7	774.2	797.6	+ 3.0	1,031.0	1,023.0	1,057.0	+ 3.3	74.7	75.7	75.5
May	799.9	803.1	788.2	- 1.9	1,073.0	1,058.0	1,044.0	- 1.3	74.5	75.9	75.5
June	738.1	747.6	747.5	- 0.01	996.0	997.0	988.0R	- 0.9	74.1	75.0	75.7R
July	711.6	721.7	725.6R	+ 0.5	967.0	968.0	955.0R	- 1.3	73.6	74.6	76.0R
August	756.6	736.5	749.8P	+ 1.8	1,041.0	995.0	992.0P	- 0.3	72.7	74.0	75.6P
September	762.2	767.1			1,050.0	1,047.0			72.6	73.3	
October	825.7	827.4			1,129.0	1,135.0			73.1	72.9	
November	829.4	810.0			1,134.0	1,094.0			73.1	74.0	
December	778.6	771.2			1,050.0	1,037.0			74.2	74.4	
8 Months	5,928.8	6,035.2	6,021.1	- 0.2	7,959.0	8,022.0	7,985.0	- 0.5			
TOTAL YEAR	9,124.7	9,210.9			12,322.0	12,335.0					

P - Preliminary R - Revised

(1) Based on data from ANPA - member newspapers in statistical sample.

(Seasonally Adjusted)

	TOTAL UNITED STATES ESTIMATED CONSUMPTION								TOTAL NORTH AMERICAN SHIPMENTS			
	DAILY NEWSPAPERS				ALL USERS							
	Seas. Adj.-3 Mon.Moving Avg. Annual Basis				Seas. Adj.-3 Mon.Moving Avg. Annual Basis				Seasonally Adjusted-Annual Basis			
	1987	1988	1989	% Change	1987	1988	1989	% Change	1987	1988	1989	% Change
January	9,072	9,360	9,253	- 1.1	12,000	12,430	12,420	- 0.1	14,836	14,756	15,206	+ 3.0
February	9,132	9,467	9,298	- 1.8	12,080	12,490	12,430	- 0.5	14,969	15,031	14,755	- 1.8
March	9,161	9,390	9,379	- 0.1	12,150	12,420	12,390	- 0.2	14,845	15,448	14,621	- 5.4
April	9,113	9,319	9,309	- 0.1	12,200	12,310	12,330	+ 0.2	15,144	14,848	15,184	+ 2.3
May	9,141	9,252	9,249R	- 0.03	12,270	12,190	12,250R	+ 0.5	15,076	15,497	15,253	- 1.6
June	9,144	9,150	9,205R	+ 0.6	12,340	12,200	12,160R	- 0.3	15,018	15,257	14,714	- 3.6
July	9,148	9,109	9,204R	+ 1.0	12,430	12,210	12,110R	- 0.8	14,978	15,190	15,542	+ 2.3
August	9,073	9,109	9,155P	+ 0.5	12,480	12,310	12,110P	- 1.6	14,874	15,295	15,138	- 1.0
September	9,097	9,053			12,530	12,350			15,460	15,023		
October	9,159	9,025			12,530	12,380			14,947	15,204		
November	9,101	9,109			12,450	12,310			15,077	15,702		
December	9,230	9,211			12,440	12,380			15,722	15,680		
8 Months Average Annual Rate	9,123	9,269	9,256	- 0.1	12,244	12,320	12,275	- 0.4				

P - Preliminary R - Revised

SOURCE: American Newspaper Publishers Association, Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.

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NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes)

	ANPA SURVEY OF NEWSPAPERS PUBLISHERS STOCK - END OF MONTH								End of Month - Day's Supply - Consumers' Stocks or Hand & in Transit (1)		
	UNADJUSTED				SEASONALLY ADJUSTED				ANPA SURVEY		
	1987	1988	1989	% Change	1987R	1988R	1989	% Change	1987	1988	1989
January	845.2	905.2	936.0	+ 3.4	861.6	922.7	954.1	+ 3.4	41	44	46
February	878.6	931.0	925.1	- 0.6	872.5	924.5	918.7	- 0.6	42	44	44
March	874.0	962.3	889.2	- 7.6	868.8	955.6	882.1	- 7.7	41	45	41
April	869.3	971.8	850.0	-12.5	865.8	967.9	845.8	-12.6	40	46	41
May	847.5	951.5	837.5	-12.0	863.9	969.9	852.9	-12.1	41	46	41
June	885.2	989.5	829.2	-16.2	879.0	983.6	825.1	-16.1	47	52	43
July	931.3	972.6	843.2R	-13.3	905.9	946.1	820.2R	-13.3	45	51	43R
August	904.6	1,006.6	851.5P	-15.4	871.5	971.6	823.5P	-15.2	43	48	40P
September	929.1	1,004.0			898.5	969.1			42	45	
October	897.4	935.5			908.3	946.9			39	42	
November	866.2	898.3			915.6	950.6			42	44	
December	900.3	932.5			919.6	951.5			47	49	

P - Preliminary R - Revised

(1) Since stocks represent paper to be printed in the future, the Day's Supply is calculated by dividing publishers stocks in tons by the projected consumption in the next following month.

The projected consumption is based on the assumption that the seasonal adjusted rate in the coming month will be equal to the average of the two preceding months.

SOURCE: American Newspaper Publishers Association.

	OPERATING RATES								
	UNITED STATES			CANADA			NORTH AMERICA		
	1987	1988	1989	1987	1988	1989	1987	1988	1989
January	95.7	95.9	96.6	97	99	98	96.6	97.9	97.5
February	95.4	98.5	93.8	99	101	99	97.8	100.1	97.1
March	92.7	98.1	98.0	100	100	94	97.5	99.3	95.4
April	93.3	98.8	97.0	99	99	94	97.1	98.9	95.0
May	97.7	98.8	95.5	97	100	95	97.3	99.6	95.2
June	98.8	97.5	96.7	97	97	95	97.7	97.2	95.6
July	100.2	94.5	96.5*	92	96	94	94.9	95.5	95.2*
August	97.3	97.8		98	100	95	97.8	99.2	
September	99.7	97.8		96	96		97.4	96.6	
October	99.2	97.6		97	100		97.9	99.2	
November	97.3	98.1		99	98		98.5	98.0	
December	99.8	100.6		97	98		97.8	98.9	
8 Months	96.4	97.5	96.3	97	99	96	97.1	98.5	95.8
TOTAL YEAR	97.3	97.8		98	99		97.4	98.4	

*Operating Rate Combined for July and August

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.

PRTGACT003:007CHT.WP

NEWSPRINT SHIPMENTS BY DESTINATION

(In Thousands of Metric Tonnes)

YEAR	NORTH-EAST	EAST NORTH CENTRAL	WEST NORTH CENTRAL	SOUTH ATLANTIC	EAST SOUTH CENTRAL	WEST SOUTH CENTRAL	MOUNTAIN	PACIFIC	TOTAL DOMESTIC SHIPMENTS
United States									
1971	429	253	176	495	269	658	95	625	3,000
1972	453	281	182	548	283	696	117	659	3,219
1973	432	279	172	575	321	748	161	630	3,318
1974*	425	230	160	562	315	730	158	670	3,250
1974	411	221	154	543	304	705	152	646	3,136
1975	463	254	193	551	299	701	142	632	3,235
1976	479	234	185	589	300	735	136	637	3,295
1977	493	216	187	591	303	743	151	706	3,390
1978	429	199	174	540	307	849	168	667	3,333
1979	446	202	187	614	318	884	186	765	3,602
1980	468	238	193	813	325	940	222	859	4,058
1981	459	241	196	885	321	1,018	260	1,072	4,452
1982	453	269	178	801	314	1,008	238	990	4,251
1983	461	295	183	920	302	1,035	242	971	4,409
1984	487	297	160	1,042	315	1,136	266	1,104	4,807
1985	489	292	151	1,069	310	1,060	243	1,034	4,648
1986	538	304	154	1,117	322	974	277	1,091	4,777
1987	560	311	151	1,210	347	994	288	1,165	5,026
1988	553	303	133	1,232	353	999	271	1,189	5,033
Canada									
1971	1,969	1,660	358	589	103	24	187	686	5,576
1972	2,079	1,694	408	669	117	37	176	653	5,833
1973	2,122	1,746	434	789	128	55	196	749	6,219
1974*	2,237	1,920	456	807	159	73	192	723	6,567
1974	2,147	1,842	438	775	152	71	185	694	6,304
1975	1,711	1,480	315	570	93	62	145	603	4,979
1976	1,779	1,659	417	727	129	78	181	701	5,671
1977	1,873	1,607	387	739	111	74	204	756	5,751
1978	1,946	1,812	466	848	125	62	220	964	6,443
1979	1,974	1,813	480	755	132	73	229	915	6,371
1980	2,017	1,691	437	658	151	73	203	888	6,118
1981	2,099	1,683	427	689	161	60	210	732	6,061
1982	1,953	1,448	401	663	153	66	217	694	5,595
1983	2,099	1,493	441	685	182	104	248	782	6,034
1984	2,270	1,623	517	780	241	128	281	745	6,585
1985	2,275	1,631	509	738	252	163	268	838	6,674
1986	2,351	1,599	506	733	245	156	257	888	6,735
1987	2,495	1,672	538	805	229	176	303	869	7,087
1988	2,452	1,655	556	823	233	189	280	899	7,087
North America									
1971	2,398	1,913	534	1,084	372	682	282	1,311	8,576
1972	2,532	1,975	590	1,217	400	733	293	1,312	9,052
1973	2,554	2,025	606	1,364	449	803	357	1,379	9,537
1974*	2,662	2,150	616	1,369	474	803	350	1,393	9,817
1974	2,558	2,063	592	1,318	456	776	337	1,340	9,440
1975	2,174	1,734	508	1,121	392	763	287	1,235	8,214
1976	2,258	1,893	602	1,316	429	813	317	1,338	8,966
1977	2,366	1,823	574	1,330	414	817	355	1,462	9,141
1978	2,375	2,011	640	1,388	432	911	388	1,631	9,776
1979	2,420	2,015	667	1,369	450	957	415	1,680	9,973
1980	2,485	1,929	630	1,471	476	1,013	425	1,747	10,176
1981	2,558	1,924	623	1,574	482	1,078	470	1,804	10,513
1982	2,406	1,717	579	1,464	467	1,074	455	1,684	9,846
1983	2,560	1,788	624	1,605	484	1,139	490	1,753	10,443
1984	2,757	1,920	677	1,822	556	1,264	547	1,849	11,392
1985	2,764	1,923	660	1,807	562	1,223	511	1,872	11,322
1986	2,889	1,903	660	1,850	567	1,130	534	1,979	11,512
1987	3,055	1,983	689	2,015	576	1,170	591	2,034	12,113
1988	3,005	1,958	689	2,055	586	1,188	551	2,088	12,120

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp & Paper Association.
*Years 1971-1974 are predominately 32 lb. basis weight (52 g/m^2);years 1974-1988 are predominately 30 lb. basis weight (48.8 g/m^2)

NEWSPER001:007CHT.WP

NORTH AMERICAN

NEWSPRINT SHIPMENTS BY DESTINATION

(In Thousands of Metric Tonnes)

REGION	QUARTER	UNITED STATES			CANADA			TOTAL NORTH AMERICA		
		1988	1989	% CHG.	1988	1989	% CHG.	1988	1989	% CHG.
New England	1 Q	41.7	39.5	-5.3	140.7	130.0	-7.6	182.4	169.5	-7.1
	2 Q	45.9	45.3	-1.3	157.6	148.4	-5.8	203.5	193.7	-4.8
	3 Q	48.2			172.6			220.8		
	4 Q	49.8			165.7			215.5		
	Year	185.6			636.6			822.2		
Middle Atlantic	1 Q	90.0	84.8	-5.8	464.2	410.2	-11.6	554.2	495.0	-10.7
	2 Q	94.9	94.1	-0.8	436.5	416.6	-4.6	531.4	510.7	-3.9
	3 Q	88.4			440.6			529.0		
	4 Q	93.5			474.0			567.5		
	Year	366.8			1,815.3			2,182.1		
East North Central	1 Q	71.8	80.4	+12.0	417.0	390.5	-6.4	488.8	470.0	-3.7
	2 Q	72.9	79.6	+9.2	407.3	376.2	-7.6	480.2	455.8	-5.1
	3 Q	78.2			420.6			498.8		
	4 Q	80.4			410.2			490.6		
	Year	303.3			1,655.1			1,958.4		
West North Central	1 Q	34.2	29.4	-14.0	138.2	116.1	-16.0	172.4	145.5	-15.6
	2 Q	33.5	35.8	+6.9	139.6	124.9	-10.5	173.1	160.7	-7.2
	3 Q	31.6			138.9			170.5		
	4 Q	33.6			139.7			173.3		
	Year	132.9			556.4			689.3		
South Atlantic	1 Q	323.9	301.2	-7.0	203.3	225.5	+10.9	527.2	526.7	-0.1
	2 Q	312.5	299.6	-4.1	213.4	225.7	+5.8	525.9	525.3	-0.1
	3 Q	288.7			203.0			491.7		
	4 Q	307.1			202.8			509.9		
	Year	1,232.2			822.5			2,054.7		
East South Central	1 Q	85.9	83.2	-3.1	63.0	38.2	-39.4	148.9	121.4	-18.5
	2 Q	93.0	79.9	-14.1	56.1	59.7	+6.4	149.1	139.6	-6.4
	3 Q	89.6			61.0			150.6		
	4 Q	84.9			52.7			137.6		
	Year	353.4			232.8			586.2		
West South Central	1 Q	234.4	242.3	+3.4	38.9	54.6	+40.4	273.3	296.9	+8.6
	2 Q	247.5	221.7	-10.4	49.5	56.8	+14.7	297.0	278.5	-6.2
	3 Q	254.0			40.4			294.4		
	4 Q	263.4			59.8			323.2		
	Year	999.3			188.6			1,187.9		
Mountain	1 Q	75.7	63.5	-16.1	69.3	69.7	+0.6	145.0	133.2	-8.1
	2 Q	71.4	73.3	+2.7	68.2	66.3	-2.8	139.6	139.6	-
	3 Q	57.3			69.6			126.9		
	4 Q	67.0			73.3			140.3		
	Year	271.4			280.4			551.8		
Pacific	1 Q	302.6	270.3	-10.7	227.3	235.4	+3.6	529.9	505.7	-4.6
	2 Q	304.3	298.8	-1.8	229.3	216.0	-5.8	533.6	514.8	-3.5
	3 Q	289.3			239.7			529.0		
	4 Q	292.2			202.9			495.1		
	Year	1,188.4			899.2			2,087.6		
TOTAL DOMESTIC SHIPMENTS	1 Q	1,260.2	1,194.6	-5.2	1,761.9	1,670.2	-5.2	3,022.1	2,864.8	-5.2
	2 Q	1,275.9	1,228.1	-3.7	1,757.5	1,690.6	-3.8	3,033.4	2,918.7	-3.8
	3 Q	1,225.3			1,786.4			3,011.7		
	4 Q	1,271.9			1,781.1			3,053.0		
	Year	5,033.3			7,086.9			12,120.2		

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp & Paper Association

NEWSPER001:008CHT.WP

NEWSPRINT HISTORICAL DATA

(THOUSANDS OF METRIC TONNES)

YEAR	CAPACITY	PRODUCTION	SHIPMENTS TO UNITED STATES	SHIPMENTS TO CANADA	SHIPMENTS TO OTHER MARKETS	SHIPMENTS TOTAL	INVENTORY END OF YEAR	IMPORTS FROM OVERSEAS
			UNITED STATES					
1978	3,710	3,418	3,333	-	96	3,429	20	5
1979	3,809	3,685	3,602	-	87	3,689	16	132
1980	4,418	4,239	4,058	-	176	4,234	21	123
1981	4,951	4,752	4,452	-	283	4,735	38	36
1982	5,129	4,574	4,251	-	275	4,526	86	42
1983	5,238	4,687	4,409	-	265	4,674	99	67
1984	5,308	5,025	4,807	-	258	5,065	60	193
1985	5,300	4,924	4,648	-	279	4,927	57	333
1986	5,315	5,107	4,777	-	338	5,115	49	301
1987	5,449	5,300	5,026	-	284	5,310	36	356
1988	5,548	5,427	5,033	-	382	5,415	48	275
			CANADA					
1978	8,980	8,842	6,443	924	1,546	8,913	184	-
1979	9,063	8,756	6,371	971	1,437	8,779	162	-
1980	9,130	8,625	6,118	980	1,524	8,622	165	-
1981	9,490	8,950	6,061	1,045	1,809	8,915	194	-
1982	9,935	8,109	5,595	934	1,525	8,054	256	-
1983	9,970	8,486	6,034	970	1,436	8,440	303	-
1984	9,820	9,013	6,585	1,070	1,363	9,018	298	-
1985	9,820	8,988	6,674	1,032	1,290	8,996	290	-
1986	9,885	9,288	6,735	1,121	1,446	9,302	277	-
1987	9,925	9,669	7,087	1,183	1,487	9,757	189	-
1988	10,085	9,969	7,087	1,227	1,553	9,867	291	-
			NORTH AMERICA					
1978	12,690	12,260	9,776	924	1,642	12,342	204	5
1979	12,872	12,441	9,973	971	1,524	12,468	178	132
1980	13,548	12,864	10,176	980	1,700	12,856	186	123
1981	14,441	13,702	10,513	1,045	2,092	13,650	232	36
1982	15,064	12,683	9,846	934	1,800	12,580	342	42
1983	15,208	13,173	10,443	970	1,701	13,114	402	67
1984	15,128	14,395	11,392	1,070	1,621	14,083	358	193
1985	15,120	13,912	11,322	1,032	1,569	13,923	347	333
1986	15,200	14,395	11,512	1,121	1,784	14,417	326	301
1987	15,374	14,969	12,113	1,183	1,771	15,067	225	356
1988	15,633	15,396	12,120	1,227	1,935	15,282	339	275

P - Preliminary N.A. - Not Available E - Estimate

Source: Media Records, Department of Commerce, Editor and Publisher, API and Bureau of Census

(1) Figures were revised as of 1980 Census. Total revised series is not available at this time.

YEAR	ANPA SURVEY OF NEWSPAPER PUBLISHERS STOCK END OF YEAR	U.S. ESTIMATED CONSUMPTION ANPA (525) STATISTICAL SAMPLE	DAILY NEWSPAPERS	ALL USERS AS REPORTED	ALL USERS 48.8 G/M^2	TONNAGE LOSS DUE TO NEWSPAPER STRIKES
1978	660	6,446	7,628	9,877	9,882	130
1979	628	6,673	7,878	10,199	10,205	3
1980	732	6,581	7,789	10,088	10,134	-
1981	961	6,506	7,813	10,164	10,219	-
1982	854	6,358	7,607	10,108	10,169	2
1983	790	6,638	7,898	10,589	10,666	-
1984	874	7,075	8,532	11,431	11,502	-
1985	910	7,199	8,725	11,587	11,651	21
1986	849	7,422	8,865	11,937	12,007	-
1987	900	7,606	9,125	12,322	12,395	-
1988	932	7,548	9,211	12,335	12,430	

UNITED STATES NEWSPAPERS

YEAR	ADVERTISING % OF TOTAL PAGES	CIRCULATIONS U.S. HOUSEHOLDS (000'S)	NEWSPAPER CIRCULATIONS (MILLIONS) DAILY	NEWSPAPER CIRCULATIONS (MILLIONS) SUNDAY	CIRCULATIONS PER HOUSEHOLD DAILY	CIRCULATIONS PER HOUSEHOLD SUNDAY
1978	63.4	76,030	62.0	54.0	0.82	0.71
1979	63.7	77,330	62.2	54.4	0.80	0.70
1980	62.6	80,776(1)	62.2	54.7	0.77	0.68
1981	62.3	82,368	61.4	55.2	0.75	0.67
1982	62.2	83,527	62.5	56.3	0.75	0.67
1983	62.5	83,918	62.6	56.7	0.75	0.68
1984	63.0	85,407	63.1	57.5	0.74	0.67
1985	62.8	86,789	62.8	58.8	0.72	0.68
1986	62.2	88,458	62.5	58.9	0.71	0.67
1987	62.0	89,697	62.8	62.8	0.70	0.70
1988	N.A.	90,912E	63.0P	62.9P	0.69	0.69

OLD NEWSPAPERS RECYCLED

YEAR	IN THE U.S.	EXPORTS	TOTAL
1978	2,270	332	2,602
1979	2,567	305	2,872
1980	2,598	386	2,984
1981	2,587	386	2,973
1982	2,697	398	3,095
1983	2,714	418	3,132
1984	2,898	489	3,387
1985	2,880	568	3,448
1986	3,101	695	3,796
1987	3,123	789	3,912
1988	3,199	915	4,114

FORECASTS OF U.S. ECONOMY

GROSS NATIONAL PRODUCT

(BILLIONS OF CONSTANT (1982) DOLLARS - SEASONALLY ADJUSTED)

SOURCE	1989				1990				ANNUAL	
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1989	1990
Merrill Lynch - September 11, 1989 % Chg. vs. Next Preceding Qtr. Annual Basis	N O T A V A I L A B L E									
	+3.7	+2.7	+1.8	+1.5	+2.0	+2.4	+2.5	+2.4	+2.9	+2.1
The Conference Board - July, 1989 % Chg. vs. Next Preceding Qtr. Annual Basis	4,106.8 +3.7	4,123.9 +1.7	4,146.9 +2.2	4,136.9 -1.0	4,127.9 -0.9	4,146.5 +1.8	4,183.3 +3.6	4,216.3 +3.2	4,128.6 +2.6	4,168.5 +1.0
Data Resources Inc. - September, 1989 % Chg. vs. Next Preceding Qtr. Annual Basis	4,106.8 +3.7	4,134.0 +2.7	4,155.3 +2.1	4,168.5 +1.3	4,180.7 +1.2	4,194.0 +1.3	4,209.4 +1.5	4,239.7 +2.9	4,141.1 +2.9	4,205.9 +1.6
WEFA Group - August, 1989 % Chg. vs. Next Preceding Qtr. Annual Basis	4,106.8 +3.7	4,134.0 +2.7	4,157.7 +2.3	4,173.7 +1.5	4,187.4 +1.3	4,212.4 +2.4	4,237.5 +2.4	4,264.8 +2.6	4,143.1 +2.9	4,225.5 +2.0

	ACTUAL - 1988				ACTUAL - 1989			
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Annual GNP for - 1986 - 3,717.9 Annual GNP for - 1987 - 3,853.7 Annual GNP for - 1988 - 4,024.4	3,974.8	4,010.7	4,042.7	4,069.4	4,106.8	4,134.0(R)		

N.A. - Not Available
R - Revised

PRTGPER001:013GNP.WP

ADVERTISING EXPENDITURES BY MEDIA - PERCENT OF TOTAL

	PRINT						OTHER		
YEAR	NEWSPAPERS	MAGAZINES	BUSINESS PAPERS	DIRECT MAIL	OUTDOOR	TOTAL PRINT	TELEVISION	RADIO	OTHER*
1980	27.6	5.9	3.1	14.2	1.1	51.9	21.4	6.9	19.8
1981	27.4	5.8	3.0	14.8	1.1	52.1	21.3	7.0	19.6
1982	26.6	5.6	2.8	15.5	1.1	51.6	22.0	7.0	19.4
1983	27.1	5.6	2.6	15.5	1.1	51.9	22.1	6.9	19.1
1984	26.8	5.6	2.6	15.7	1.0	51.7	22.6	6.6	19.1
1985	26.6	5.4	2.5	16.4	1.0	51.9	22.2	6.8	19.1
1986	26.4	5.2	2.3	16.8	1.0	51.7	22.4	6.8	19.1
1987	26.8	5.1	2.3	17.4	0.9	52.5	21.8	6.6	19.1
1988	26.4R	5.2R	2.2	17.9	0.9	52.6R	21.7R	6.6R	19.1

* - Including Farm Publications and the yellow pages
R - Revised
Source: Robert J. Coen, McCann-Erickson, Inc.

NEWSPER001:011ACHT.WP

OVERSEAS NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes)

(Not Seasonally Adjusted)

	NORWAY				FINLAND				SWEDEN			
	TOTAL SHIPMENTS				TOTAL SHIPMENTS				TOTAL SHIPMENTS			
	1988	1989	% Change	Ship % of Cap 1989	1988	1989	% Change	Ship % of Cap 1989	1988	1989	% Change	Ship % of Cap 1989
January	58.0	68.8	+18.6	88	99.8	80.7	-19.1	69	138.7	124.5	-10.2	57
February	56.5	74.2	+31.3	105	99.6	85.0	-14.7	80	169.5	156.5	-7.7	79
March	77.6	80.1	+3.2	102	114.1	105.3	-7.7	90	185.8	183.6	-1.2	84
April	62.5	66.3	+6.1	87	103.5	93.5	-9.7	83	140.5	177.4	+26.3	84
May	67.0	92.0	+37.3	117	94.3	104.2	+10.5	89	174.8	204.1	+16.8	91
June	76.7	54.2	-29.3	71	83.4	94.3	+13.1	83	165.1	190.1	+15.1	87
July	61.0	72.3	+18.5	92	99.9	94.7	- 5.2	76	160.7	172.8	+ 7.5	77
August	57.6				107.7				198.4			
September	95.0				117.8				178.6			
October	70.5				109.5				178.7			
November	58.7				115.4				173.8			
December	77.5				115.2				213.9			
7 Mos.	459.3	507.9	+10.6		694.6	657.7	- 5.3		1,135.1	1,209.0	+ 6.5	
TOTAL YEAR	818.6				1,260.2				2,078.5			

	SHIPMENTS TO THE UNITED STATES			
	NORWAY		FINLAND	SWEDEN
	1988	1989	1988 1989	1988 1989
January	0.0	5.0	0.6 0.5	14.5 6.4
February	6.5	0.0	0.7 0.2	17.9 13.1
March	4.2	4.0	0.5 0.3	15.1 5.6
April	2.2	2.2	0.7 0.9	11.5 10.2
May	4.2	4.0	0.1 0.3	16.6 20.9
June	8.5	0.0	0.2 0.2	19.0 2.2
July	0.3	5.5	0.1 0.2	15.5 12.2
August	9.7		0.6	30.8
September	0.0		0.5	20.5
October	5.7		0.4	15.8
November	1.7		0.2	5.2
December	0.0		0.0	15.6
7 Mos.	25.9	21.7	2.9 2.6	110.1 70.6
TOTAL YEAR	43.0		4.6	198.0

SOURCE: SCANNEWS

COUNTRY	ANNUAL CAPACITY (000 Metric Tonnes) 1988	1989	1990	1991	1992	1993
Europe						
Scandinavia						
Finland	1,381	1,378	1,467	1,532	1,563	1,587
Norway	924	926	909	910	920	925
Sweden	2,380	2,572	2,645	2,592	2,621	2,668
Austria	280	280	339	555	555	555
Belgium-Luxem	115	120	120	120	120	120
France	360	369	416	635	818	871
Germany, Fed. Rep.	956	1,001	1,082	1,117	1,137	1,147
Italy	260	250	250	250	250	250
Netherlands	310	340	363	378	376	376
Spain	165	170	231	237	382	394
Switzerland	270	280	280	280	280	280
United Kingdom	520	621	768	790	820	826
Total Above Europe	7,921	8,305	8,870	9,396	9,842	9,999
Africa						
South Africa	440	440	440	440	440	440
Asia						
China	540	570	570	570	570	570
India	360	360	360	390	405	405
Indonesia	180	180	180	230	230	230
Japan	3,260	3,535	3,821	3,898	3,975	4,054
Korea, Rep. of	380	410	541	541	541	541
Total Above Asia	4,720	5,055	5,472	5,629	5,721	5,800
Oceania						
Australia	440	440	423	430	430	430
New Zealand	340	340	340	365	385	385
Total Above Oceania	780	780	763	795	815	815
South America						
Argentina	240	240	240	240	240	240
Brazil	260	260	267	388	484	508
Chile	195	195	204	220	228	228
Mexico	420	420	420	480	520	520
Venezuela	0	0	0	0	150	200
Total S.America	1,115	1,115	1,131	1,328	1,622	1,696
TOTAL ABOVE COUNTRIES	14,976	15,695	16,676	17,588	18,440	18,750

ANNOUNCED CAPACITY CHANGES				
Country	Company/Location	Date	Annual (000) Metric Tonnes	Comments
Finland	Kajaani Oy/Kajaani	1988	45	Rebuild
	Rauma Repola/Rauma	1989	(70)	
	Enso-Gutzeit Oy/Summa	1989	60	Rebuild
	United Paper Mills/Kaipola	Dec '89	200	New machine (Net 180)
	Tampella/Anjala Mill	1990	(80)	
Norway	A/S Follum/Honefoss	1988	40	Machine Modernization
	A/S Follum/Honefoss	1990	30	Machine Modernization
	Union A/S / Skotfoss	June '88	(40)	Machine Shutdown
	Norske Skogindustrier/Skogn	1991	100	Mach.Rebld./Modrnztn.
Sweden	Stora Kopparbergs/Kvarnsveden	May '88	215	New Machine
	Stora Kopparbergs/Kvarnsveden	May '88	(60)	Closures-3 old mach.
	Hylte Bruks/South-West Sweden (Hylte)	March '89	210	New Mill-Owned 75% by Stora and 25% by Feldmuhle
	SCA/Ortviken	Mid '90	(100)	PM #1 to LWC
			20	PM #4 - Rebuild
	Holmen Bruk-Braviken Mill/ Norrkoping	'91 or '92	240	New Machine
Austria	Steyrermuehl Papierfabriks AG/ Steyrermuehl	Spring '90	280	New Machine
	Steyrermuehl Papierfabriks AG/ Steyrermuehl	Spring '90	(130)	2 Mach. Shutdowns
France	Norske Skogindustrieyas/Golbey	Mid '91	200	New Mill
	United Paper Mills (STRACEL)/ Strasbourg	Late '90	225	New Machine
Germany, Fed.Rep.	Haindl/Schongau	Early '90	225	New Machine - 135 net
India	Hindustan/Kumarbagn	1991	45	New Machine
Korea	Chonju/Chonju	Oct. 1989	130	New Machine (Net)
Spain	Papelera Espanola/Renteria	1987/89	50	
	Papelera Espanola	1992	200	New Mill
U.Kingdom	North British Newsprint Gartcosh, Scotland	Late '89/90	140	New Mill
	Shotton/North Wales	Sept. 1989	220	New Machine
China	Jilin Paper/Tumen	1988	60	Machine Purchase
	Shi Xiang/Tumen	Early '88	40	Machine Purchase
	Yalvjiang/Dandong	Mid '89	40	Machine Purchase
Japan	Daishowa/Yoshinaga	Jan. 1988	50	Switch from Other Grades
	Oji/Tomakomai	Feb. '88	120	No. 11 Machine
	Chuetsu/Futatsuka	Apr. '88	90	(Net) - New Machine
	Marsumi/Ohe	April '88	180	New Machine
	Marsumi/Kawanue	April '88	(70)	Machine Shutdown
	Tato/Mishima	July ' 88	120	New Machine
	Oji/Tomakomai	1988	74	
	Jujo/Ishinomaki	April '89	145	New Machine
	Sanyo-Kokusaku-Yufutsu Mill/ Hokkaido Island	Nov. '89	120	New Machine
Taiwan	Taiwan Chung Hsing/I-Lan	1988	40	New Machine
Argentina	Papel Tucuman/Lules	Late '88	22	New Machine
Venezuela	Abitibi-Price Inc. and Bowater Inc. (Orinoco Pulp)/ Ciudad Guayana	Mid '92	200	New Mill

Source: FAO, EPI, and CPPA

SCA Postpones French newsprint project
SCA Paper AB, subsidiary of Svenska Cellulosa Aktiebolaget SCA of Sweden, has postponed a joint venture to build a newsprint mill in southwestern France (P&PW, Sept. 12, p. 1). SCA said the decision to postpone the venture with Cellulose Du Pin, a subsidiary of Saint Gobian Group of France was made mainly because of the risks for a substantial overcapacity in the newsprint sector in the early 1990s.

Source: Pulp and Paper Week, 3/13/89

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ANNUAL NEWSPRINT CAPACITY INFORMATION

(THOUSANDS OF METRIC TONNES)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
United States (API) (1)	5,129	5,238	5,308	5,300	5,315	5,449	5,548	5,716	6,239	6,456	6,465
Canada (CPPA) (2)	9,935	9,970	9,820	9,820	9,885	9,925	10,085R	10,325R	10,975R	11,550R	11,815R
Canada (Add't'l) (3)	-	-	-	-	-	-	-	-	-	-	-
Total	15,064	15,208	15,128	15,120	15,200	15,374	15,633R	16,041R	17,214R	18,006R	18,280R
% Change	+4.3	+1.0	-0.5	-0.1	+0.5	+1.1	+1.7	+2.6	+7.3	+4.6	+1.5

(1) Based on data compiled in API Capacity Survey issued December, 1988 plus subsequent revisions announced since that time.
(2) Canadian Pulp and Paper Association - Newsprint Data Book - 1987, plus subsequent revisions announced since that time.

ANNOUNCED CAPACITY CHANGES

UNITED STATES MILLS

COMPANY	LOCATION	DATE	COMMENTS	NEWSPRINT	OTHER	TOTAL
Newsprint South	Grenada, MS	July '89	New Mill	205,000	-	205,000
Ponderay	USK, WA	Late '89	New Mill	163,000	-	163,000
Southeast	Dublin, GA	Late '89	New Machine	195,000	-	195,000
Alabama River	Claiborne, AL	4th Qtr. '90	New Mill	220,000	-	220,000

CANADIAN MILLS

Abitibi-Price	Alma, QUE	1988	Conversion of machine (#9) from Newsprint to Uncoated Groundwood	(-45,000)	45,000	0
MacMillan Bloedel	Powell River, B.C.	Jan. '88	Upgrade (#8) machine idle since 1985	65,000	-	65,000
F.F. Soucy	Riviere-Du-Loupe	Late '88	Rebuild-#2 machine	20,000	-	20,000
James Maclaren	Masson, QUE	1988 - 1990	#3 machine improvements	30,000	-	30,000
Abitibi-Price	Alma, QUE	1989	Conversion of machine (#10) from Newsprint to Uncoated Groundwood	(-45,000)	45,000	0
Kruger	Cornerbrook, NFLD	1989	Rebuilds	50,000	-	50,000
Fletcher Challenge	Crofton, B.C.	1989	Improvements	35,000	-	35,000
Finlay Forest Ind.	Mackenzie, B.C.	Spring '89	New Machine	215,000	-	215,000
Crown Forest	Elk Falls, BC	By 1989	Expansion	50,000	-	50,000
Gold River Newsprint	Gold River, BC	Oct. '89	New Mill	230,000	-	230,000
Bowater Mersey	Brooklyn, N.S.	Late '89	Improvements	50,000	-	50,000
Domtar	Red Rock, ONT	1990	Improvements	24,000	-	24,000
Kruger	Three Rivers, QUE	Mid '90	New Machine - 180,000 - Conversion of of one machine to SC - Net 145,000	145,000	35,000	180,000
Atlantic Packaging	Whitby, ONT	July, '90	New Machine	150,000	-	150,000
Alberta Newsprint	Whitecourt, ALTA	Aug. '90	New Mill	220,000	-	220,000
Consolidated-Bathurst	Grandmere, QUE	4th Qtr. '90	New Machine-182,000 - replacing 2 old machines - Net gain of 110,000	110,000	-	110,000
Canadian Pacific	Thunder Bay, ONT	1st Qtr. '91	New machine - 240,000 - replacing 2 older machines of 180,000 - Net gain of 60,000	60,000	-	60,000
Howe Sound	Port Mellon, B.C.	1st Qtr. '91	New Machine	195,000	-	195,000
Kruger	Cornerbrook, NFLD	March '9.	Conversion to SC (#4)	(-70,000)	70,000	0

(3) Additional Canadian Capacity.

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